

ABSTRACT

An apparatus and method for providing a storage system snapshot copy while allowing the execution of I/O operations without latency. A host request to write a data chunk to a production volume is served by writing the new data chunk to a journal, and upon writing, a response message is sent to the host signaling the end of the execution. The method thereafter performs off-line copying of the original data chunk from a production volume to a snapshot volume, and writes the new data chunk to the production volume.